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### 1 Specifying protocols for multi-agent systems interaction

Stefan Poslad

November 2007 **Transactions on Autonomous and Adaptive Systems (TAAS)**, v6  
**Publisher:** ACM

Full text available: Pdf (276.58 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [inc](#)

**Bibliometrics:** Downloads (6 Weeks): 51, Downloads (12 Months): 431, Citation Count: 0

Multi-Agent-Systems or MAS represent a powerful distributed computing model, en cooperate and complete with each other and to exchange both semantic content ar context to more automatically and accurately interpret the content. ...

**Keywords:** Multi-Agent systems, autonomy, deployment, semantics, social interac

### 2 Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren

November 1997 **CASCON '97: Proceedings of the 1997 conference of the Centre for A Collaborative research**

**Publisher:** IBM Press

Full text available: Pdf (4.21 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [inc](#)

**Bibliometrics:** Downloads (6 Weeks): 47, Downloads (12 Months): 387, Citation Count: 0

Understanding distributed applications is a tedious and difficult task. Visualizations time diagrams are often used to obtain a better understanding of the execution of i The visualization tool we use is Poet, an event ...

### 3 Distributed interface bits: dynamic dialogue composition from ambient computi

Anthony Savidis, Constantine Stephanidis

May 2005 **Personal and Ubiquitous Computing**, Volume 9 Issue 3

**Publisher:** Springer-Verlag

Full text available: Pdf (1.70 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [cit](#)

**Bibliometrics:** Downloads (6 Weeks): 8, Downloads (12 Months): 65, Citation Count: 3

This paper discusses a particular issue in the context of disappearing computing, n: mobility. Mobile users may carry with them a variety of wireless gadgets while bei physical environment encompassing numerous computing devices. ...

**Keywords:** Abstract dialogue elements, Adaptive interaction, Ambient dialogues, I interface composition, Wearable interfaces

4

Frontmatter (TOC, Letters, Philosophy of computer science, interviewers need



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-  [software requirements creation from folklore to analysis, SW components and from business to systems and technology, Software engineering survey](#)  
 September 2005 **SIGSOFT Software Engineering Notes** , Volume 30 Issue 5  
**Publisher:** ACM  
 Full text available:  Pdf (1.98 MB) **Additional Information:** full citation, index terms  
**Bibliometrics:** Downloads (6 Weeks): 46, Downloads (12 Months): 325, Citation Count: 0

5 [Queue: Volume 6 Issue 1](#)

-  January 2008 **Queue**  
**Publisher:** ACM  
 Full text available:  Digital Edition ,  Pdf (6.04 MB) **Additional Information:** full citation, index terms  
**Bibliometrics:** Downloads (6 Weeks): 117, Downloads (12 Months): 481, Citation Count: 0



6 [A generic component model for building systems software](#)

-  Geoff Coulson, Gordon Blair, Paul Grace, Francois Taliani, Ackbar Joolia, Kevin Lee, Jo Thirunavukkarasu Sivaharan  
 February 2008 **Transactions on Computer Systems (TOCS)** , Volume 26 Issue 1  
**Publisher:** ACM  
 Full text available:  Pdf (603.88 KB) **Additional Information:** full citation, abstract, references, inc  
**Bibliometrics:** Downloads (6 Weeks): 66, Downloads (12 Months): 994, Citation Count: 6

Component-based software structuring principles are now commonplace at the app componentization is far less established when it comes to building low-level system. Although there have been pioneering efforts in applying componentization ...

**Keywords:** Component-based software, computer systems implementation



7 [Web browser accessibility using open source software](#)

-  Željko Obrenović, Jacco van Ossenbruggen  
 May 2007 **W4A '07: Proceedings of the 2007 international cross-disciplinary conference on accessibility (W4A)**  
**Publisher:** ACM  
 Full text available:  Pdf (505.76 KB) **Additional Information:** full citation, abstract, references, inc  
**Bibliometrics:** Downloads (6 Weeks): 29, Downloads (12 Months): 253, Citation Count: 0

A Web browser provides a uniform user interface to different types of information. interface universally accessible and more interactive is a long term goal still far from. Universally accessible browsers require novel interaction ...

**Keywords:** middleware, open source software, software platform, user interfaces,

8 [Striving for versatility in publish/subscribe infrastructures](#)

-  Roberto S. Silva Filho, David F. Redmiles  
 September 2005 **SEM '05: Proceedings of the 5th international workshop on Software middleware**  
**Publisher:** ACM  
 Full text available:  Pdf (280.13 KB) **Additional Information:** full citation, abstract, references, cjr, review  
**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 29, Citation Count: 1

Publish/subscribe infrastructures are used as the basic communication and integrat many application domains. The majority of those infrastructures, however, fall sho

that allow their customization and configuration to ...

**Keywords:** event-based middleware, flexible architecture, notification servers, plu extensible languages application, publish/subscribe

9 Reconceptualizing a Family of Heterogeneous Embedded Systems via Explicit Support

Sam Malek, Chiyoung Seo, Sharmila Ravula, Brad Petrus, Nenad Medvidovic

May 2007 **ICSE '07**: Proceedings of the 29th international conference on Software E

**Publisher:** IEEE Computer Society

Full text available:  Pdf (405.40 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cite](#)

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 49, Citation Count: 4

It has been widely advocated that software architecture provides an effective set o engineering (families of) complex software systems. However, architectural concep supported directly at the level of system implementation. ...

10 System Software for Audio and Visual Networked Home Appliances on Comm Systems

Tatsuo Nakajima

November 2001 **Middleware '01**: Proceedings of the IFIP/ACM International Conferen Systems Platforms Heidelberg

**Publisher:** Springer-Verlag

Full text available:  Pdf (371.41 KB) Additional Information: [full citation](#), [cited by](#)

**Bibliometrics:** Downloads (6 Weeks): 0, Downloads (12 Months): 0, Citation Count: 3

11 Content sharing middleware for mobile devices

Petros Belimpasakis, Juha-Pekka Luoma, Mihaly Börzsei

February 2008 **MOBILWARE '08**: Proceedings of the 1st international conference on I MiddleWARE, Operating Systems, and Applications

**Publisher:** ICST (Institute for Computer Sciences, Social-Informatics and Telecommunications


Full text available:  Pdf (706.62 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [inc](#)

**Bibliometrics:** Downloads (6 Weeks): 20, Downloads (12 Months): 156, Citation Count: 0

As mobile smart phones have evolved being converged devices, they are able to ge consume different types of high quality content, such as images, music and video. to share, synchronize and archive their content, lead to the ...

**Keywords:** Symbian, content, middleware, mobile devices, sharing

12 A web-based resource migration protocol using WebDAV

 Michael Evans, Steven Furnell

May 2002 **WWW '02**: Proceedings of the 11th international conference on World Wi **Publisher:** ACM

Full text available:  Pdf (296.85 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [inc](#)

**Bibliometrics:** Downloads (6 Weeks): 8, Downloads (12 Months): 27, Citation Count: 0

The web's hyperlinks are notoriously brittle, and break whenever a resource migrat this problem is a transparent resource migration mechanism, which separates a re: from its identity, and helps provide referential integrity. ...

**Keywords:** WebDAV, link rot, referential integrity, resource locator service, resource protocol, web

**13** WADE: a software platform to develop mission critical applications exploiting a workflows

Giovanni Caire, Danilo Gotta, Massimo Banzi

May 2008 **AAMAS '08: Proceedings of the 7th international joint conference on Autonomous and multiagent systems: industrial track**

**Publisher:** International Foundation for Autonomous Agents and Multiagent Systems

Full text available:  Pdf (466.09 KB) **Additional Information:** full citation, abstract, references, info

**Bibliometrics:** Downloads (6 Weeks): 22, Downloads (12 Months): 81, Citation Count: 0

In this paper, we describe two mission critical applications currently deployed by Telecom Operations Support System domains. The first one called "Network Neutral Element" implements a mediation layer between network elements and ...

**Keywords:** JADE, OSS, XPDL, flexibility, open source, scalability, software agent, network, workflow

**14** A modular implementation framework for code mobility

 Cidiane Lobato, Alessandro Garcia, Carlos Lucena, Alexander Romanovsky

October 2006 **Mobility '06: Proceedings of the 3rd international conference on Mobile applications & systems**

**Publisher:** ACM

Full text available:  Pdf (153.52 KB) **Additional Information:** full citation, abstract, references

**Bibliometrics:** Downloads (6 Weeks): 4, Downloads (12 Months): 36, Citation Count: 1

With the growing popularity of open distributed applications, mobile agents have emerged as the fundamental technique for tackling the complexity of the emerging applications. The pervasive nature of code mobility issues implies that ...



**Keywords:** aspect-oriented programming, mobile agent, mobility platform

**15** Mobile media: making it a reality

 Fred Kitson

May 2005 **Queue**, Volume 3 Issue 4


**Publisher:** ACM

Full text available:  Html (31.52 KB),  Pdf (528.08 KB) **Additional Information:** full citation, abstract, terms

**Bibliometrics:** Downloads (6 Weeks): 126, Downloads (12 Months): 276, Citation Count: 0


Two prototype apps reveal the challenges in delivering mobile media services.

**16** Using XML and related standards to support Location Based Services

 Anastasios Ioannidis, Manos Spanoudakis, Panos Sianias, Ioannis Priggouris, Stathis Lazaros Merakos

March 2004 **SAC '04: Proceedings of the 2004 ACM symposium on Applied computing**

**Publisher:** ACM



Full text available:  Pdf (270.83 KB) **Additional Information:** full citation, abstract, references, info

**Bibliometrics:** Downloads (6 Weeks): 7, Downloads (12 Months): 81, Citation Count: 1

Location Based Services can be considered as the most rapidly expanding field of telecommunications sector. The proliferation of the mobile/wireless Internet, the constant

use of handheld, mobile devices and positioning technologies ...


**Keywords:** Web Services, XML, location based Services

- 17 [A reflective middleware for controlling smart objects from mobile devices](#)  
 Diego López de Ipiña, Iñaki Vázquez, Daniel García, Javier Fernández, Iván García  
 October 2005 **sOc-EUSAI '05**: Proceedings of the 2005 joint conference on Smart object intelligence: innovative context-aware services: usages and technologies  
**Publisher:** ACM  
 Full text available:  Pdf (199.19 KB) **Additional Information:** [full citation](#), [abstract](#), [references](#)  
**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 47, Citation Count: 0

Mobile devices are mainly used for communication, entertainment, and as electronic devices. However, their increasing computational, storage, communicational and multimedia capabilities make them suitable for previously unexpected scenarios such as ...



- 18 [An Open Web Services Architecture](#)  
 Stan Kietinen, Srikanth Raju  
 March 2003 **Queue**, Volume 1 Issue 1  
**Publisher:** ACM  
 Full text available:  Html (24.96 KB),  Pdf (1.59 MB) **Additional Information:** [full citation](#), [abstract](#), [citations](#)  
**Bibliometrics:** Downloads (6 Weeks): 190, Downloads (12 Months): 489, Citation Count: 5

The name of the game is web services—sophisticated network software designed to meet the need, when we need it, through any device we choose. We are getting closer to this vision. In recent years the client/server model has evolved ...

- 19 [Implementing open standards: a case study of the Massachusetts open format](#)  
 Rajiv Shah, Jay Kesan, Andrew Kennis  
 May 2008 **sigmod '08**: Proceedings of the 2008 international conference on Digital data management  
**Publisher:** Digital Government Society of North America  
 Full text available:  Pdf (370.60 KB) **Additional Information:** [full citation](#), [abstract](#), [references](#), [citations](#)  
**Bibliometrics:** Downloads (6 Weeks): 24, Downloads (12 Months): 139, Citation Count: 0

In 2003, Massachusetts embarked on a policy to transition to open standards for information technology. This article documents this historic process as Massachusetts was the first state to set an open standards policy. The article also analyzes ...

**Keywords:** open standards, public policy, standards

- 20 [Pluggable verification modules: an extensible protection mechanism for the JVM](#)  
 Philip W. L. Fong  
 October 2004 **OOPSLA '04**: Proceedings of the 19th annual ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications  
**Publisher:** ACM  
 Full text available:  Pdf (224.39 KB) **Additional Information:** [full citation](#), [abstract](#), [references](#), [citations](#), [reviews](#)  
**Bibliometrics:** Downloads (6 Weeks): 4, Downloads (12 Months): 48, Citation Count: 1

Through the design and implementation of a JVM that supports Pluggable Verification Modules (PVMs), the idea of an extensible protection mechanism is entertained. Link-time binary verification becomes a pluggable service that can be readily replaced, ...





**Keywords:** Aegis VM, Java virtual machine, bytecode verification, extensible protection systems, mobile code security, pluggable verification modules, proof linking

Also published in:

October 2004 **SIGPLAN Notices** Volume 39 Issue 10

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